

## DOI Work Activity L6: Inventory/Assess/Monitor Lake/Wetland/Streams

<b>Program Area:</b>	Landscapes/Watersheds
<b>End Outcome Goal:</b>	PEO 1 - Improve Health of Watersheds, Landscapes, and Marine Resources that are DOI Managed or Influenced in a Manner Consistent with Obligations Regarding the Allocation and Use of Water
<b>Intermediate Outcome:</b>	PIO 1.2 – Manage and Protect Watersheds and Landscapes
<b>DOI Sub process:</b>	1b - Create information from data (perform analysis)

### Examples/Notes:

**Work Activity Description:** Includes all labor and operational costs associated with documenting habitat condition and species occurrence for aquatic species and streamside riparian vegetation; evaluations, assessments, and monitoring efforts at lakes, wetlands and streams, such as planning and scheduling work, field/office labor, GIS support, data management support, contracts/interagency agreements, and equipment purchase/lease/rental.

Includes the following:

- Inventory - Data collection that focuses on understanding the condition of both instream aquatic habitat, channel morphology, hydrology and streambank riparian resources, and the presence/absence, abundance, range and/or distribution of riparian-dependent or aquatic species (including Special Status Species). Scale of mapping is generally smaller and more discrete than other vegetation inventories, and can supplement those efforts. Aquatic habitat inventories are generally directed toward species of specific interest, while riparian inventories tend to focus more on streamside conditions.
- Monitoring – Collection, evaluation, and reporting of information on streams and river habitat (including Special Status Species) to determine if management decisions have been implemented and objectives are being met. Also includes implementation, effectiveness and validation monitoring components. Monitoring is separate from information collected as part of recurring or ongoing inventory programs. Habitat monitoring is typically based on species habitat parameters and is directly relevant to a species of interest. Assessment of condition can be performed using proper functioning condition or other methodologies.
- Nationally Designated Wild and Scenic Rivers and Trails. Work includes all inventory, monitoring, and evaluation of data to make determinations for designated Wild and Scenic Rivers and Trails. Work can be reported in the absence of an activity plan if the monitoring is done pursuant to a land use decision or some other form of documented decision.
- Ecological Site Inventory involves mapping ecological sites, vegetation communities, and the systematic sampling of these sites to determine, at a minimum, above ground annual production on all vegetation species.

<b>Output:</b> Miles inventoried/assessed/monitored	<b>Unit of Measure:</b> Number of miles inventoried/assessed/monitored
<b>Inputs:</b>	<b>Cost Drivers:</b>

### System Interfaces:

**DOI Program Area Contact:**